

Weekly Report

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Intro

This week I spent most of the time on Attic Framework. I also did a brief survey on IUI 2013 Workshop on Interactive Machine Learning.

Reading

- **IUI 2013 Workshop on Interactive Machine Learning** This week I did a survey on this workshop to find some ideas for the visual knowledge transfer project. Most of the posters in this workshop involves latest applications and designs of visualization, interface design and interaction with machine learning methods as well as some common topics such as active learning and learning with constraints. I will hand in a report on this posters later next week.
- [1] is cited by some of the posters from the workshop so I read it at the same time. This paper is a general discussion on ICML'12 on some misdirections and limitations about current research, and loss of relevance to real-world applications.

Attic Framework

- **Documents** I finished the drafts of overall design this week for the brainstorming on Friday. Also I discussed with Xia Jing on the first usage scenario and wrote a version by using Web Clickstream as an example.
- **Demo Version** After the brainstorming I planned to make a demo version for our ideas discussed, including an interface with data objects, visual objects and basic binding operations. The work is still on the way.

Miscellaneous Work

- **Interview**

Plan for Next Week

- Continue to write the demo;
- Finish the workshop survey.

References

- [1] K. Wagstaff, “Machine Learning that Matters,” *arXiv.org*, June 2012.